

## EAST Search History

| Ref # | Hits    | Search Query                        | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|---------|-------------------------------------|--|------------------|---------|------------------|
| L1    | 3470107 | metallic organic inorganic membrane | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:48 |
| L2    | 186235  | bi-polar bipolar bi adj polar       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:48 |
| L3    | 324834  | plate same (coat\$4)                | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:49 |
| L4    | 168604  | 3 and 1                             | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:49 |
| L5    | 132374  | fuel adj cell fuelcell fuel-cell    | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:50 |
| L7    | 4073    | 5 and 4                             | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:50 |
| L8    | 5886377 | deformable maleable press\$4        | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:52 |
| L9    | 1316    | (1 same3 3 same3 8 )and 5           | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/10/29 08:52 |

## EAST Search History

|     |        |  |  |    |    |                  |
|-----|--------|--|--|----|----|------------------|
| L10 | 840    | 9 and @ay<"2004"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 08:53 |
| L11 | 199388 | (fuel adj cell fuelcell fuel-cell separator bipolar bi-polar bi adj polar).ti. | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 08:54 |
| L12 | 755    | (1 same3 3 same3 8 )and 11   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 08:54 |
| L13 | 479    | 12 and @ay<"2004"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 08:55 |
| L14 | 3      | "6299999"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 09:13 |
| L15 | 3      | "6858339"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 09:20 |
| L17 | 265    | (1 same3 3 same3 8 same3 (protect\$5 contamin\$6))and 5                        | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 10:03 |
| L19 | 158    | (1 same3 3 same3 8 same3 (protect\$5 contamin\$6))and 11                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 10:04 |

## EAST Search History

|     |        |  |  |     |    |                  |
|-----|--------|--|--|-----|----|------------------|
| L20 | 7      | "1413370"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 10:12 |
| L21 | 557555 | (multi two coat\$4) near4 (separator plate)                                    | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 10:25 |
| L23 | 1      | ((BART) near2 (CARLEER)).INV.  | EPO; JPO;<br>DERWENT   | ADJ | ON | 2008/10/29 10:26 |
| L24 | 3      | ((MARIA) near2 (KLAASSEN)).INV.  | EPO; JPO;<br>DERWENT   | ADJ | ON | 2008/10/29 10:26 |
| L25 | 12     | 19 and hydraulic   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 10:34 |
| L26 | 6      | ("6090228").URPN.  | USPAT  | ADJ | ON | 2008/10/29 11:37 |
| L27 | 3      | "20060172159"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 12:15 |
| L28 | 2      | "20030064278" and aluminum   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 13:37 |
| L29 | 199388 | (fuel adj cell fuelcell fuel-cell separator bipolar bi-polar bi adj polar).ti. | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 13:44 |
| L30 | 507846 | (hot temperature) same (plate separator)                                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/29 13:45 |

## EAST Search History

|     |         |  |  |    |    |                  |
|-----|---------|--|--|----|----|------------------|
| L31 | 86528   | 30 same (steel aluminum titanium copper)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 13:46 |
| L32 | 1059    | 31 and 29  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 13:47 |
| L33 | 4338    | hydraulic and 31   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 13:47 |
| L34 | 57      | hydraulic and 32   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 13:47 |
| L35 | 2131052 | (plate separator bipolar bi-polar bi adj<br>polar) same (form\$3 manufactur\$3<br>fabricat\$3) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 14:01 |
| L36 | 427620  | 35 same4 (steel aluminum titanium copper)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 14:01 |
| L37 | 356604  | 35 same (hot temperature C K)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 14:02 |
| L38 | 92830   | 37 same4 (steel aluminum titanium copper)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/29 14:02 |

## EAST Search History

|     |      |   |  |     |     |                  |
|-----|------|---|--|-----|-----|------------------|
| L39 | 8474 | (hydraulic or (water near3 press\$4)) and 38  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:03 |
| L41 | 6523 | 39 and @AY<"2004"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:06 |
| L42 | 547  | 41 and (fuel adj cell fuelcell fuel-cell plate separator bipolar bi-polar bi adj polar).ti. | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:08 |
| L43 | 4    | "2002028769"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:12 |
| L44 | 4    | "11167927"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:16 |
| L45 | 1393 | (429/12).OCLS.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/10/29 14:21 |
| L46 | 6    | 45 and 41   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 14:22 |
| L47 | 6    | "1671715"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 14:26 |

## EAST Search History

|     |       |   |  |     |     |                  |
|-----|-------|---|--|-----|-----|------------------|
| L48 | 0     | (Mold\$4 indent\$3 Channel\$3 press\$4)<br>near3 metal near7 ((elevated high hot)<br>near4 temperature) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 14:32 |
| L49 | 0     | (Mold\$4 indent\$3 Channel\$3 press\$4)<br>near3 metal near7 ((elevated high hot) )                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 14:32 |
| L50 | 0     | (Mold\$4 indent\$3 Channel\$3 press\$4)<br>near3 metal near7 (temperature)                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 14:32 |
| L51 | 0     | (Mold\$4 indent\$3 Channel\$3 press\$4)<br>near10 metal near7 (temperature)                             | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 14:32 |
| L52 | 30088 | (Mold\$4 indent\$3 Channel\$3 press\$4)<br>near10 metal near7 (temperature )                            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:33 |
| L53 | 2901  | (Mold\$4 indent\$3 Channel\$3 press\$4)<br>near3 metal near7 ((elevated high hot)<br>near4 temperature) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:33 |
| L54 | 2150  | 53 and @ay< "2003"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:33 |
| L55 | 0     | (( "429.class." ) or ( "29.class." ) ).PN.  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/10/29 14:34 |

## EAST Search History

|     |       |  |  |     |     |                  |
|-----|-------|--|--|-----|-----|------------------|
| L56 | 0     | (( "429.csls." ) or ( "29.ccls." ) ).PN. | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2008/10/29 14:34 |
| L57 | 0     | "429".ccls. 29.ccls.                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:38 |
| L58 | 55509 | "429".clas. 29.clas.                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:39 |
| L59 | 20    | 54 and 58                                | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:39 |
| L60 | 2     | "20020127131"                            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 14:50 |
| L61 | 2     | "20020113064"                            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 15:03 |
| L62 | 3     | "02103073"                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2008/10/29 15:09 |
| L63 | 0     | US03/31235                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/10/29 15:42 |

## EAST Search History

|     |       |   |  |     |    |                  |
|-----|-------|---|--|-----|----|------------------|
| L64 | 1     | "0331235"                                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/29 15:42 |
| L65 | 23427 | kumar.in.                                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/29 15:44 |
| L66 | 305   | 65 and hydraulic                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/29 15:44 |
| L67 | 46    | 66 and catalyst                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/29 15:44 |
| L68 | 4     | "2003031235"                                  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/29 15:49 |
| S1  | 2     | "20020086196"                                 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/28 16:12 |
| S2  | 22    | "6708543" S1 "6299999" "1413370"<br>"6216508" | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/28 16:13 |
| S3  | 14    | S2 and (plate separat\$4)                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2008/10/28 16:13 |



## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S4  | 3      | S3 and (layer)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:14 |
| S5  | 3      | S3 and (membrane)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:18 |
| S6  | 2      | "20020180088"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:21 |
| S7  | 0      | S6 and (layer membrane)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:21 |
| S8  | 578350 | metal same (separator or plate)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:22 |
| S9  | 1288   | S8 same (hot adj press hot-press hotpress<br>(compression near7 molding)) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:23 |
| S10 | 292    | S9 same (layer or membrane)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:24 |
| S11 | 50     | S10 and (fuel adj cell fuelcell fuel-cell<br>batter\$4 electrochemical)   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:25 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S12 | 3      | "02103073"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:32 |
| S13 | 10     | "02103073" "20020127131"<br>"20020113064" "20030064278"                 | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:32 |
| S14 | 3      | S13 and layer   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:32 |
| S15 | 756955 | hydraulic   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:40 |
| S16 | 247952 | S15 near10 press\$5   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:40 |
| S17 | 2919   | S16 near10 (membrane or layer)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:41 |
| S18 | 327    | S17 and (fuel adj cell fuelcell fuel-cell<br>batter\$4 electrochemical) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:41 |
| S19 | 2366   | S17 and @ay< "2004"   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:41 |

## EAST Search History

|     |         |  |  |    |    |                  |
|-----|---------|--|--|----|----|------------------|
| S20 | 215     | S18 and @ay< "2004"  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 16:42 |
| S23 | 86285   | (membrane) same (metal steel aluminum copper titanium)       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:11 |
| S25 | 15293   | press\$3 same S23  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:11 |
| S26 | 1071379 | (fuel adj cell fuelcell fuel-cell batter\$4 electrochemical) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:12 |
| S27 | 4652    | S26 and S25  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:12 |
| S29 | 34467   | (membrane) near7 (metal steel aluminum copper titanium)      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:13 |
| S30 | 694     | press same S29   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:13 |
| S31 | 196     | S26 and S30  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:13 |

## EAST Search History

|     |        |   |  |    |    |                  |
|-----|--------|---|--|----|----|------------------|
| S36 | 115906 | (membrane gas near5 layer) same (metal steel aluminum copper titanium)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:28 |
| S37 | 19409  | press\$3 same S36   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:28 |
| S39 | 4380   | S37 and (fuel adj cell fuelcell fuel-cell electrochemical)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:29 |
| S40 | 3206   | (hydraulic heat hot) and S39  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:30 |
| S41 | 54     | (bi adj polar bi-polar) and S40   | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:31 |
| S42 | 169964 | (multi plural\$4 two three layer\$2 stack\$2) near7 (bipolar bi adj polar bi-polar (plate near10 (metal aluminum titanium steel copper))) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:35 |
| S43 | 3912   | (membrane gas) near7 S42  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:35 |
| S44 | 1687   | S43 and (fuel adj cell fuelcell fuel-cell electrochemical)  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:36 |

## EAST Search History

|     |        |                                       |  |    |    |                  |
|-----|--------|---------------------------------------|--|----|----|------------------|
| S45 | 571464 | (hydraulic heat hot) near5 (press\$4) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:36 |
| S46 | 351    | S45 and S44                           | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/10/28 17:36 |